

Dr. Richard K. NAKAMURA

**Deputy Director
National Institute of Mental Health**

6001 Executive Boulevard, Room 8229
Bethesda, MD 20892-9669
Voice Phone: 301-443-3675
Fax: 301-443-2578
Email: RNakamura@nih.gov



Education:

1976 - Ph.D., Psychology, State University of New York at Stony Brook, N.Y.
1973 - M.A., Psychology, New York University, New York, N.Y.
1968 - B.A., Psychology, Earlham College, Richmond, Indiana.
1963 - Bronx High School of Science, Bronx, N.Y.

Professional Experience (since 1990):

1999 - Deputy Director, National Institute of Mental Health
2001 - 2002 Acting Director, National Institute of Mental Health (NIMH)
1997 - 1999 Acting Deputy Director, National Institute of Mental Health (NIMH)
1995 - 1999 Director, Office of Science Policy and Program Planning, NIMH,
1990 - 1995 Chief, Behavioral and Integrative Neuroscience Research Branch, NIMH,
1990 - 1991 Coordinator, ADAMHA Office of Animal Research Issues, ADAMHA,

Selected Honors (since 1999):

DHHS Secretary's Award for Distinguished Service 2004
National Alliance for the Mentally Ill Outstanding Psychologist Award 2003
Presidential Rank Executive Merit Award 2002
AAAS Fellowship 2002
NIH APO Outstanding Achievement Award 2001
NIA Special Achievement Award 2001
DHHS Secretary's Award for Distinguished Service 2000
NIH Quality of Work Life Award 1999
Appointed to US Senior Executive Service 1999

Selected peer-reviewed publications of 28:

9. Nakamura, R.K. and M. Mishkin: Blindness in monkeys following non-visual cortical lesions. Brain Research 188:572-577, 1980.
10. Kennedy, C., J.C. Gillin, W. Mendelson, S. Suda, M. Miyaoka, M. Ito, R.K. Nakamura, F.I. Storch, K. Pettigrew, M. Mishkin, and L. Sokoloff: Local cerebral glucose utilization in non-REM sleep. Nature 297:325-327, 1982.
12. Nakamura, R.K., C. Kennedy, J.C. Gillin, S. Suda, M. Ito, F.I. Storch, W. Mendelson, L. Sokoloff, and M. Mishkin: Hypnogenic center theory of sleep: No support from metabolic mapping in monkeys. Brain Research 268:372-376, 1983.
12. Nakamura, R.K., C. Kennedy, J.C. Gillin, S. Suda, M. Ito, F.I. Storch, W. Mendelson, L. Sokoloff, and M. Mishkin: Hypnogenic center theory of sleep: No support from metabolic mapping in monkeys. Brain Research 268:372-376, 1983.
13. Morihisa, J.M., R.K. Nakamura, W.J. Freed, M. Mishkin, and R.J. Wyatt: Adrenal medulla grafts survive and produce catecholamines when implanted in the monkey brain. Experimental Neurology 84:643-653, 1984.
14. Nakamura, R.K., M. Mishkin: Chronic blindness following nonvisual cortical lesions in the monkey. Experimental Brain Research 63:173-184, 1986.
15. Nakamura, R.K., S.J. Schein, R. Desimone: Visual responses from cells in striate cortex of monkeys rendered chronically blind by nonvisual cortical lesions. Experimental Brain Research 63:185-190, 1986.
16. Wyatt, R.J., Morihisa, J.M., Nakamura, R.K., Freed, W.J.: Transplanting tissue into the brain for function: use in a model of Parkinson's disease. Res Publ Assoc Res Nerv Ment Dis, 64:199-208, 1986.
17. Morihisa, J.M., Nakamura, R.K., Freed, W.J., Mishkin, M., and Wyatt, R.J.: Transplantation techniques and the survival of adrenal medulla autografts in the primate brain. Ann NY Acad Sci 495:599-605, 1987.
19. Nakamura, R.K., M. Myslobodsky, R. Coppola, J. Johannesen-Conway, A.F. Mirsky, A.M.: Effects of gamma-hydroxybutyrate on the performance of monkeys in a Go/No-go visual discrimination task. Behavioral Brain Research 26:19-27, 1987.
22. Bressler, S.L., R. Coppola, R.K. Nakamura, Episodic multiregional cortical coherence at multiple frequencies during visual task performance. Nature, 366:153-155, 1993.
25. Liang, H., M., Ding, R.K. Nakamura, and S.L. Bressler, Causal Influences in Primate Cerebral Cortex during Visual Pattern Discrimination, Neuroreport, 11:2875-2880, 2000.
26. Truccolo, W.A., M. Ding, K.H. Knuth, R.K. Nakamura, and S.L. Bressler, Trial-to-Trial Variability of Cortical Evoked Responses: Implications for the Analysis of Functional Connectivity, Clinical Neurophysiology, 113:206-226, 2002.
27. National Institute of Mental Health, Methods and Welfare Consideration in Behavioral Research with Animals, eds: A.R. Morrison, H.L. Evans, N.A. Ator, and R.K. Nakamura, 101 pp., 2002

RECENT ACCOMPLISHMENTS AND ACTIVITIES

Dr. Richard Nakamura is the Deputy Director of the National Institute of Mental Health (NIMH), and was for one year ending in November 2002, the Acting Director of NIMH. The following are recent accomplishments:

- From 2002 to 2003, served on the President's New Freedom Commission on Mental Health, first as the NIH representative and later as the alternate representative – 2002-2003.
- Beginning in 1996 with Steven Hyman, MD, Director of NIMH, he led major reorganizations of the Intramural and Extramural programs of NIMH. He was instrumental in the formulation of the report of the NIMH Intramural Research Program Planning Committee. This has resulted in an NIMH that is clearly leaner, more effective, and more effective in the science of mental disorders.
- Participated on the Executive Steering Group for the construction of the Porter Neuroscience Research Center and served as Chair from December 2001-November 2002. Helped to ensure that the planning and construction was conducted on time and on budget.
- As Deputy Director, NIMH, he was the NIH and NIMH lead representative for the development of the landmark *Mental Health: a Report of the Surgeon General*, published in 1999.
- As Acting Director of the Office of Special Populations since 1997 he has spent considerable time and energy on developing ways to reduce health disparities and improve training of minority researchers. He worked directly with the Center for Mental Health Services and the Surgeon General to develop the *Surgeon General's Report: Mental Health: Culture, Race and Ethnicity*; he also worked with the OSP staff to develop a report entitled *Racial/Ethnic Diversity in Mental Health Research Careers: An Investment in America's Future*, which was approved by The National Mental Health Advisory Council and released in 2001. These reports are critical in bridging the gap between minorities and non-minorities in research training and in accessing mental health services. Dr. Nakamura has actively recruited a Hispanic American for the permanent OSP Director position, thus signaling to the field the importance NIMH places in having a minority scientist lead this position on a permanent basis. .
- He is a leader and active advocate of the process that began in 1999 to foster mutually beneficial neuroscience research collaborations between the U.S. and India. The results have yielded an agreement with the National Brain Research Center in New Delhi, India, with the third workshop held in March 2001 in New Delhi and a fourth workshop already planned for January 2002.
- He collaborated with nine NIH ICs to fund a contract with the Institute for Laboratory Animal Research, part of the National Academies, to revise and update the *Preparation and Maintenance of Higher Mammals During Neuroscience Experiments*. He also an editor of an NIH publication: *Methods and Welfare Considerations in Behavioral Research with Animals*. These documents will provide researchers and Institutional Animal Care and Use Committees with consolidated state-of-the-art information on commonly accepted laboratory methodologies and practices to help improve appropriate animal welfare in publicly funded research with animals.
- At the request of the NIH Director as well as other ICs Directors he has worked on a variety of NIH-wide committees, including: the NIH IT Board of Governors, NIH Evaluation Policy and Oversight Committee, headed the search committee for the Dep. Dir. of NIA; served on the search committee for the Director of NIAAA. Through his participation and leadership, he ensured that the work of these important groups was successfully accomplished.
- Service on search committee for Director of OBSSR and CoChair of OBSSR Evaluation 2003,
- In recognition of his outstanding contributions, received the 2002 Presidential Rank Merit Award in 2002.
- During service as the Acting Director of NIMH administered a budget of \$1.2 billion and a staff of over 1000.
- Service on Asian Pacific Islander Employee Committee 2001-2003

Some Earlier Accomplishments:

Founding Coordinator of the ADAMHA Office of Animal Research Issues, which successfully defended the role of animal studies in medical research and influenced the direction of NIH and Federal animal welfare policy.

Creation of the Behavioral and Integrative Neuroscience Research Branch of the NIMH, founding programs such as

the Computational and Theoretical Neuroscience, Cognitive Neuroscience, and Integrative Neuroscience Programs.